

Z0, SF, ASPCT0, XPP, TRAT, XNP0, QQ, XXI  
 1.0D+10, 2.5D+10, 2.0 0.6, 1.0, 1.0, 8.0, 1.2  
 V0, VPRTB, DT0, DTM, TMAX, ZMAX, CDA, GAMMA  
 0.0, 0.0, 2.5, 5.0, 8000.0, 16000.0, 1.0, 1.17  
 BS0, BSFAC, DAR0, IAR, ZSCL1, ZSCL2, ZPKF, IBSPROF, TFAC, IGRV  
 -1.0, 1.0, 0.2, 1, 1.0, 1.5, 1.5, 3, 0.85, 1  
 CMAX, FTCRNT, FPCRNT, FBTA, NPRNT, IDATA, TMP, TPRM  
 2.1, 1.0, 1.0, 1.0, 1, 1, 2.0D+06, 1.0D+04  
 NPLT, DRGFACT, ZSW1S, ZSW2S, VFMMAG, ICONT, ISC, fprm, Cprm  
 2, 1.0, 7.0, 15.0, 1.703 0, 1, 0.0, 0.15  
 DP0, PHIA, TC1, TC2, TC3, TSCL1, TSCL2 [(TC2-TC1) >> TSCL1]  
 0.0, 5.68, 57.0, 187.4, 187.6, 29.9, 70.4  
 UPFmax, Fdens, TF1, TF2, TF3, TFmax, FSCL1, FSCL2  
 0.0, 0.0e09, 1.25, 1.5, 1.5, 2.25, 0.25, 0.25  
 TPRM0, TPRMSCL, TSHW1, TSHW2, TSHW3, FMULT1, FMULT2 FMULT3  
 90.0, 150.0, 200.0, 3000.0, 15000.0, 100.0, 0.1d+05, 2.0d+05

XPP=Pin/Pout

TRAT=Tin/Tout

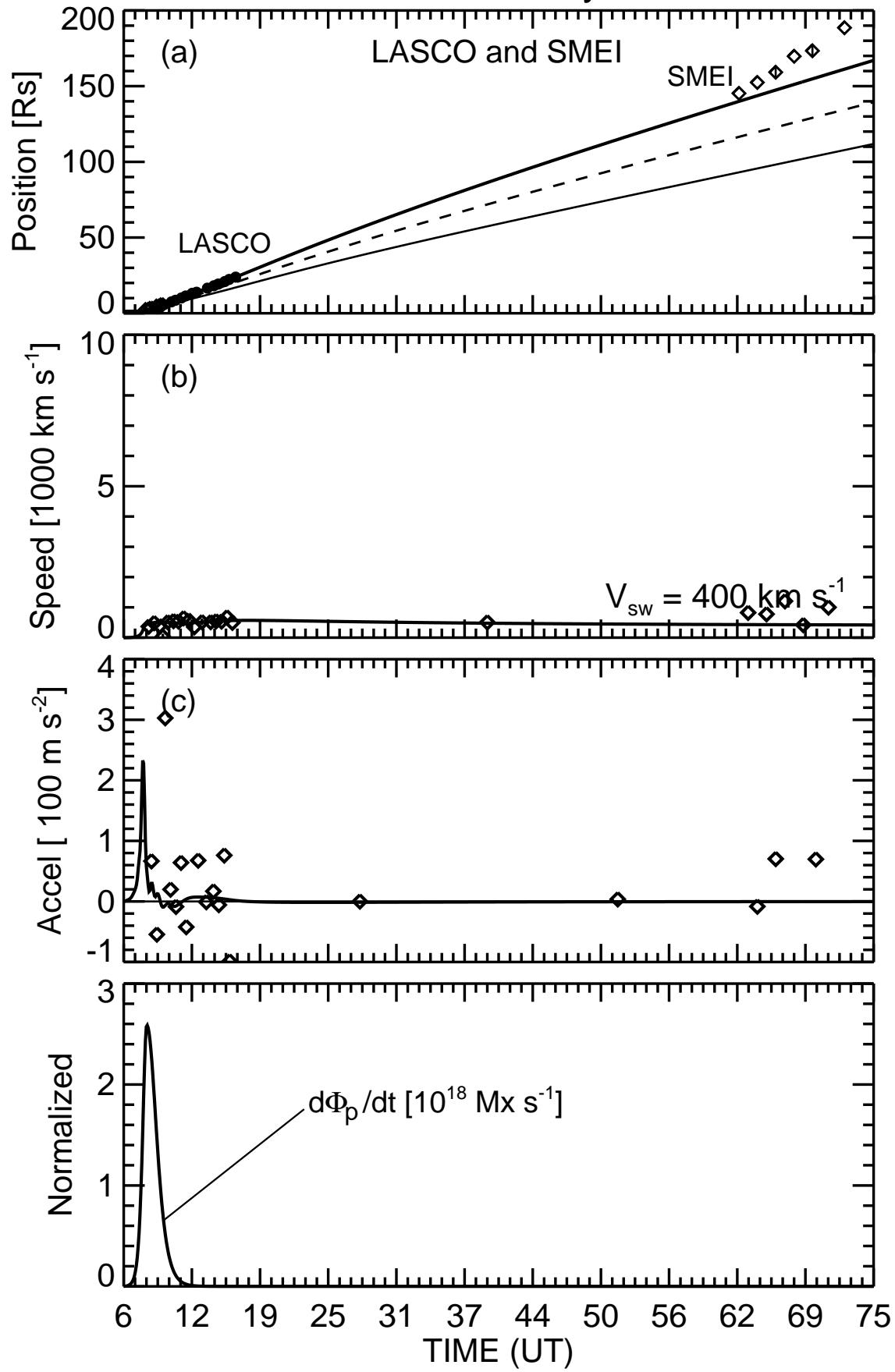
XNN=Nout/Nin

2\*S0=footpoint separation. Z0=S0\*DFT. (DFT < 1 --> flatter than semi-circle)

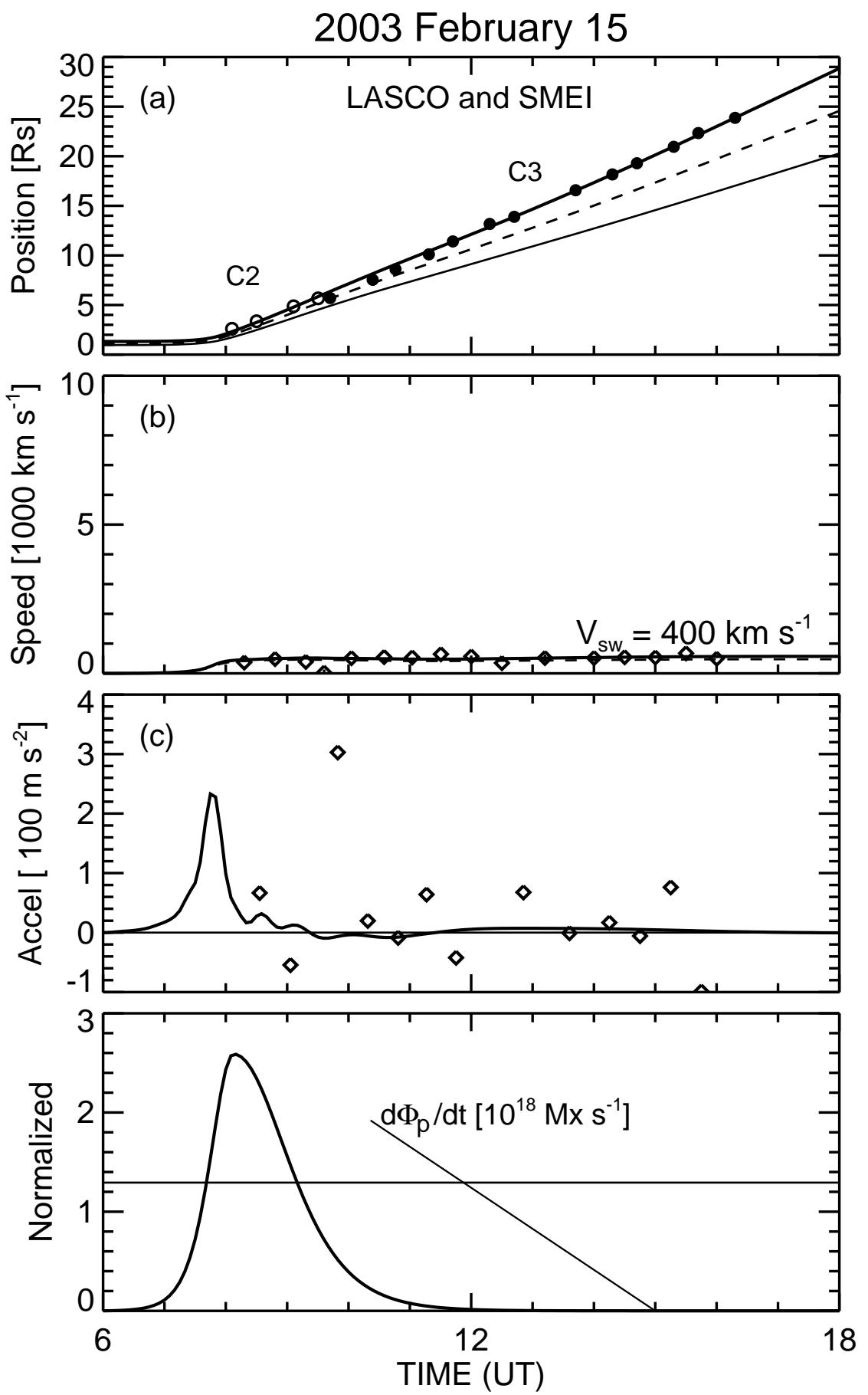
gfit = 3.30  
 tshft = 5.000 min  
 err1 = 0.02% err2 = 0.02% err3 = 0.02%  
 phi = 100.0 deg theta = 10.0 deg

pltc2.ps.001+15R

2003 February 15



Sf = 2.5e+05 Z0 = 1.0e+05 D = 3.30 tshft = 5.00 pltc2.ps.001+15R

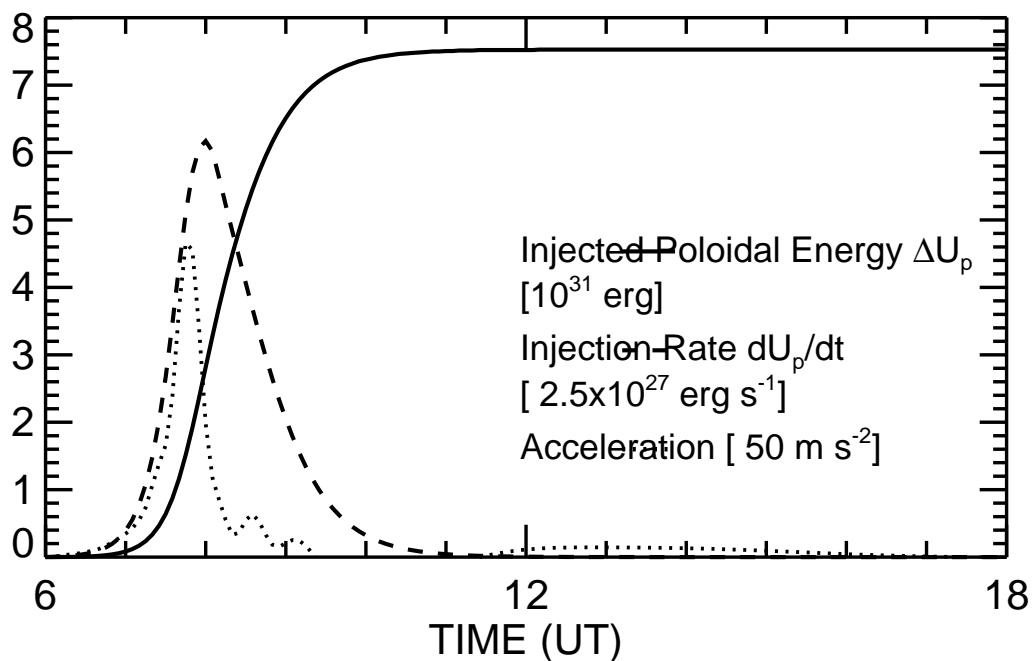


D = 3.30 tshft = 5.000

Sf = 2.5e+05 Z0 = 1.0e+05 R0 = 1.3e+05 a0 = 6.4e+04

Cd = 1.0 err1 = 0.02 Bp = 2.71 G Bt = 2.94 G

pltc2.ps.001+15R



$D = 3.30$     $C_d = 1.0$     $tshft = 5.000$

$B_{p0} = 2.71 \text{ G}$     $B_{t0} = 2.94 \text{ G}$     $\tau_R = 9.9 \text{ min}$     $V_A = 2.15e+07 \text{ km/s}$

$\Phi_{p0} = 8.24e+20 \text{ Mx}$     $\Phi_{t0} = 3.79e+20 \text{ Mx}$     $(\Delta\Phi_p) = 1.6x10^{22} \text{ Mx}$

$(dU_p/dt) = 1.5x10^{28} \text{ erg s}^{-1}$    Total mass (initial) =  $5.64e+15 \text{ g}$

$(\Delta U_p)_{\text{tot}} = 7.5x10^{31} \text{ erg}$     $U_{p0} = 3.6x10^{30} \text{ erg}$

$(d\Phi_p/dt)_{\text{max}} = 2.6x10^{18} \text{ Mx/sec}$     $(d\Phi_p/dt)_0 = 0.00e+00 \text{ Mx/s}$

Max Accel =  $232.8 \text{ m s}^{-2}$

$V_{sw} = 400 \text{ km/s}$    EField\_max = EFM\_max / Sf =  $1.03 \text{ V cm}^{-1}$